

ABSTRACT

A method and apparatus performing smooth message transfer between operating systems (OS's) are provided. In a multi-OS environment, message transfer control is performed by switching a message area of a physical address space from a mapping state to a message area in a logical partition address space in a message transmitting OS to a mapping state to a message area in a logical partition address space in a message receiving OS. A socket associated with a file descriptor is generated, a virtual file accessible via the socket is set, and then message transfer is performed using mapping between the virtual file and the message area of the physical address space.